



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Nan Ya Plastics Corporation USA
8989 North Loop East, Suite 800
Houston, TX 77029

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "1NP" Fiberglass glazed Outswing Doors w/ Opaque or Glazed Sidelites – LMI

APPROVAL DOCUMENT: Drawing No. NAN0021 Rev D, titled "1NP Impact 8' Glazed OS Double Doors w/ sidelites", sheets 1 through 11 of 11, dated 01/23/09 and last revised on 06/28/16, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact.

Limitations:

1. The laminated glass in ODL kit glazing detail 1 (sheet 6) must be at exterior side.
2. Full length wood reinforcement item #20, at lock-stiles and hinge Stiles are required.
3. Astragal item #21 must contain full length 5/16" steel shoot bolts.
4. See sheet 9 for rails & stiles sizes. Min door/ sidelite top rails = 5-1/16", min bottom rails = 9-1 1/32", min door stiles = 6-5/16" and min sidelite stiles = 2-7/16"
5. 1x or 2x buck to be properly secured to sustain imposed load and to be reviewed by building Official.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises & renews** NOA #12-0612.10 consists of this page 1 and evidence page E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No. 14-0714.07
Expiration Date: July 22, 2019
Approval Date: August 18, 2016
Page 1

8/11/16

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under files See below).
2. Drawing No. **NAN0021 Rev D**, titled "INP Impact 8' Glazed OS Double Doors w/ sidelites", sheets 1 through 11 of 11, dated 01/23/09 and last revised on 06/28/16, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E.

B. TESTS (submitted under files #12-0612.13 /#09-0312.15)

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94

along with marked-up drawings and installation diagram of Fiberglass Outswing Glazed/Opaque Doors w/wo Sidelites, prepared by Certified Testing Laboratories, Test Report No(s). CTLA 1908W, dated 12/30/08, signed and sealed by Ramesh Patel, P.E.

Note: This test report has been revised by an addendum issued by Certified Testing Lab on 05/05/09, signed & sealed by Ramesh Patel, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 2014 (5th Edition), dated 07/02/14, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E.
2. Glazing complies w/ ASTM E-1300-02, -04 and -09.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS (submitted under files #12-0612.13 /#09-0312.15)

1. Test report No.ETC-05-255-16776.1, prepared by ETC Laboratories, dated 07/06/06, issued to Nan Ya Plastics Corp., for their SMC Fiberglass material / ETC05033 per ASTM D-638-03 "4500 exposed Xenon Arch" & tensile strength ASTM D-638-03 "Tensile strength", Smoke density per ASTM D2843-99, Rate of burning per ASTM D-635-98 and "Self ignition" per ASTM D1929-01, all signed and sealed by Joseph Labora Doldan, P.E.
2. Test report No.ETC-05-255-17144.0, prepared by ETC Laboratories, dated 07/03/08, issued to Nan Ya Plastics Corp., for their Rigid PVC plastic(part #ETC06024) per ASTM D1929-96 "Standard Test Method for Ignition Properties of Plastics", ASTM D2843-99 "Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics", ASTM D635-98 "Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position" and ASTM D638-03 "Standard Test Methods for Tensile Properties of Plastics" for exposed & unexposed sample per Xenon Arch after 4500 Hours, signed and sealed by Joseph Labora Doldan, P.E.



Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 14-0714.07

Expiration Date: July 22, 2019

Approval Date: August 18, 2016

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (continue)

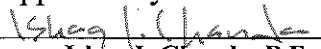
4. Test report No.ETC-06-255-17412.0, prepared by ETC Laboratories, dated 04/25/06, issued to Nan Ya Plastics Corp., for their Phenolic Foam Board / ETC06013 plastic per ASTM-E84-05 "*Standard Test Method for Surface Burning Characteristics of Building Materials*", signed and sealed by Joseph Labora Doldan, P.E.
5. Test report No.ETC-05-255-17412.1, prepared by ETC Laboratories, dated 04/25/06, re-issued on 06/28/06 to Nan Ya Plastics Corp., for their Phenolic Foam Board / ETC06013 plastic per ASTM-E84-05 "*Standard Test Method for Surface Burning Characteristics of Building Materials*", signed and sealed by Joseph L. Doldan, P.E.
6. Test report No.ETC-05-255-17900.0, prepared by ETC Laboratories, dated 06/28/06, issued to Nan Ya Plastics Corp., for their Phenolic Foam Board / ETC06013 plastic per ASTM D1929-96 "*Standard Test Method for Ignition Properties of Plastics*", signed and sealed by Joseph L. Doldan, P.E.
7. Test report No.ETC-05-255-16776.0, prepared by ETC Laboratories, dated 01/04/06, issued to Nan Ya Plastics Corp., for their SMC / ETC05033 plastic per ASTM D1929-96 "*Standard Test Method for Ignition Properties of Plastics*", ASTM D2843-99 "*Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics*", ASTM D635-98 "*Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position*" and ASTM D638-03 "*Standard Test Methods for Tensile Properties of Plastics*", signed and sealed by Joseph Labora Doldan, P.E.
8. Test report No.ETC-05-255-16777.1, prepared by ETC Laboratories, dated 07/26/06, issued to Nan Ya Plastics Corp., for their Cellular PVC / ETC05034 plastic per ASTM D1929-96 "*Standard Test Method for Ignition Properties of Plastics*", ASTM D2843-99 "*Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics*", ASTM D635-98 "*Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position*" and ASTM D638-03 "*Standard Test Methods for Tensile Properties of Plastics*", signed and sealed by Joseph Labora Doldan, P.E.
9. Notice of Acceptance No. #14-0423.15 issued to Eastman Chemical Company (MA) former Solutia Inc. for their "**Saflex Clear or colored interlayer**", expiring on 11/11/18.

F. STATEMENTS (Except item #1, balanced submitted under files #12-0612.13)

1. Statement letter compliance to FBC 2014 (5th Edition)and "No Financial interest", dated July 08, 2014, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E.
2. Statement letter dated 09/04/2012, for standard equivalency of ASTM D635-98/03 conforming to FBC 2010 for above referenced test reports, issued by PTC, LLC, signed and sealed by Robert James Amoruso, P. E.
3. Certificate of Authority dated May 23, 1983, to transact business, issued to Nan Ya Plastic Corporation, USA issued by the State of Texas, signed by Secretary of State
4. Lab compliance letter as part of above test reports.

G. OTHER

1. This NOA **revises & renews** NOA # 12-0612.13, expiring on July 22, 2019.
2. Test proposal # 07-3867 dated 11/27/2006 & 06-1291 dated 11/06/2006 approved by BCCO.


Ishag I. Chanda, P.E.
Product Control Examiner
NOA No. 14-0714.07
Expiration Date: July 22, 2019
Approval Date: August 18, 2016

NAN YA PLASTICS

SERIES "1NP" IMPACT 8' GLAZED OUTSWING DOUBLE DOOR
WITH OPAQUE/GLAZED SIDELITES
INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC) AT THE DESIGN PRESSURE(S) STATED HEREIN. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT # CTLA 1908W (SPECIMENS 2 AND 3) DATED 12-30-2008 AND ASSOCIATED LABORATORY STAMPED DRAWINGS AND WERE TESTED IN ACCORDANCE WITH TAS 201, TAS 202 AND TAS 203.
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD TO BE REVIEWED BY AHJ (AUTHORITY HAVING JURISDICTION).
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD TO BE REVIEWED BY AHJ (AUTHORITY HAVING JURISDICTION).
4. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED MIAMI DADE IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.
5. MATERIALS
- 5.1 DOOR FRAME AND PANEL MATERIAL: FOAM PVC AND FIBERGLASS PANEL FACE SHEET
- 5.2 LAMINATED GLAZING INTERLAYER: 0.090" PVB SAFLEX INTERLAYER BY EASTMAN CHEMICAL COMPANY (MA) PER NOA NO. 14-0423.15 (OR LATER COMPONENT APPROVAL).
6. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1.
7. DESIGNATIONS "X" AND "O" STANDS FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL
8. A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR (Cd = 1.6) HAS BEEN USED FOR WOOD ANCHOR DESIGN PER 2012 NDS.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION. ANCHORS ARE TO MATCH TYPE SIZE, AND EMBEDMENT OF THOSE SHOWN HEREIN FOR RESPECTIVE SUBSTRATE
3. IN ADDITION TO THE INSTALLATION ANCHORS SHOWN, EIGHT (8) #10 X 2" WOOD SCREWS ARE REQUIRED IN EACH HINGE.
4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIMS. MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5. FOR INSTALLATION INTO WOOD FRAMING, USE #12 WOOD SCREWS (GRADE 5 MIN. STRENGTH) OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 7/8 INCHES. MINIMUM ANCHOR SEPARATION IS 7/8 INCH.
6. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE, MASONRY (JAMBS ONLY), OR DIRECTLY INTO CONCRETE OR MASONRY (JAMBS ONLY), USE THE FOLLOWING:
- 6.1. HEAD AND SILL: 1/4 INCH ITW ADVANCED THREADFORM TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO CONCRETE. MINIMUM EDGE DISTANCE IS 1 1/2 INCHES IN CONCRETE. MINIMUM ANCHOR SEPARATION IS 4 INCHES.
- 6.2. JAMBS: 3/16 INCH ITW ADVANCED THREADFORM TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO CONCRETE AND 1 INCH MINIMUM EMBEDMENT INTO MASONRY. MINIMUM EDGE DISTANCE IS 1 1/2 INCHES IN CONCRETE AND 2 INCHES IN MASONRY. MINIMUM ANCHOR SEPARATION IS 3 INCHES.
- 6.2.1. 1/4 INCH ITW ADVANCED THREADFORM TAPCONS MEETING NOTE 6.1 ABOVE CAN BE USED IN LIEU OF 3/16 INCH ITW ADVANCED THREADFORM TAPCONS FOR JAMB INSTALLATION.
7. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING).
8. FOR CONCRETE BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
9. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
- 9.1. WOOD - P.T. SOUTHERN YELLOW PINE. MINIMUM SPECIFIC GRAVITY OF 0.55.
- 9.2. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2500 psi.
- 9.3. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90 MEDIUM WEIGHT WITH COMPRESSIVE STRENGTH OF 1900 psi (DENSITY > 117 PCF).

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|-------------------|---|
| SHEET | SHEET DESCRIPTION |
| 1 | GENERAL NOTES, INSTALLATION NOTES & D.P. CHART |
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| 3 | VERTICAL SECTIONS |
| 4 | VERTICAL SECTIONS |
| 5 | VERTICAL SECTIONS |
| 6 | GLAZING DETAILS & MULLION PLATE DETAILS |
| 7 | HORIZONTAL SECTIONS |
| 8 | HORIZONTAL SECTIONS |
| 9 | CORNER DETAILS / DOOR & SIDELITE STILE AND RAIL |
| 10 | COMPONENTS |
| 11 | BILL OF MATERIALS |

| DESIGN PRESSURE RATING (PSF) | | IMPACT RATING |
|--|--|----------------------|
| WHERE WATER INFILTRATION REQUIREMENT IS NEEDED | WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED | LARGE MISSILE IMPACT |
| ±50.0 | ±50.0 | |

| | | | |
|----------------------|---------------------------|----------|-----|
| PROJECT NO. 414-0416 | REVISE PER MD COMMENTS | 2/23/15 | RJA |
| | REVISE TO 5TH EDITION FBC | 07/07/14 | RJA |
| | UPDATE TO 2010 FBC | 04/25/12 | TJH |
| | DESCRIPTION | DATE | BY |

NAN YA PLASTICS

8989 NORTH LOOP EAST

HOUSTON, TX 77029

SERIES "1NP" IMPACT 8' GLAZED OS DOUBLE DOOR W/SIDELITES

GENERAL NOTES, INSTALLATION NOTES & D.P. CHART

DATE: 1/23/09

DRAWING NO: NAN0021

SHEET: 1 OF 11

DRAWN BY: BB

SCALE:

REV: D

PTC PRODUCT DESIGN GROUP, LLC

100 BOX 320775

LONG BEACH, CA 90801

Phone: 321.690.1788

Fax: 321.690.1789

Email: info@ptc-corp.com

Robert J. Amoroso, P.E.

FL REG. NO. 19752

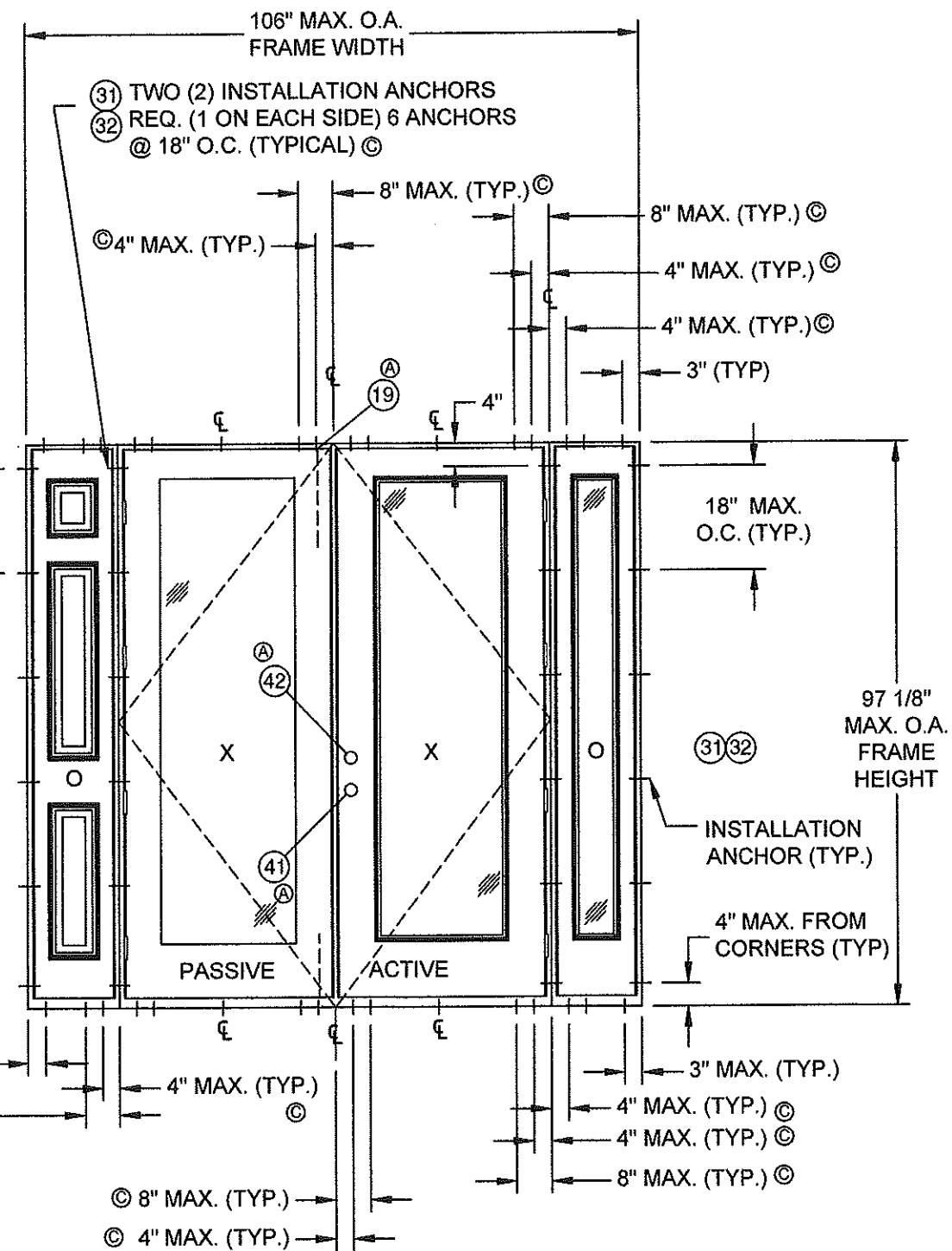
PROFESSIONAL ENGINEER

STATE OF FLORIDA

No 49752

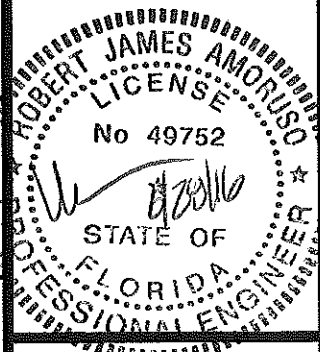
6/22/16

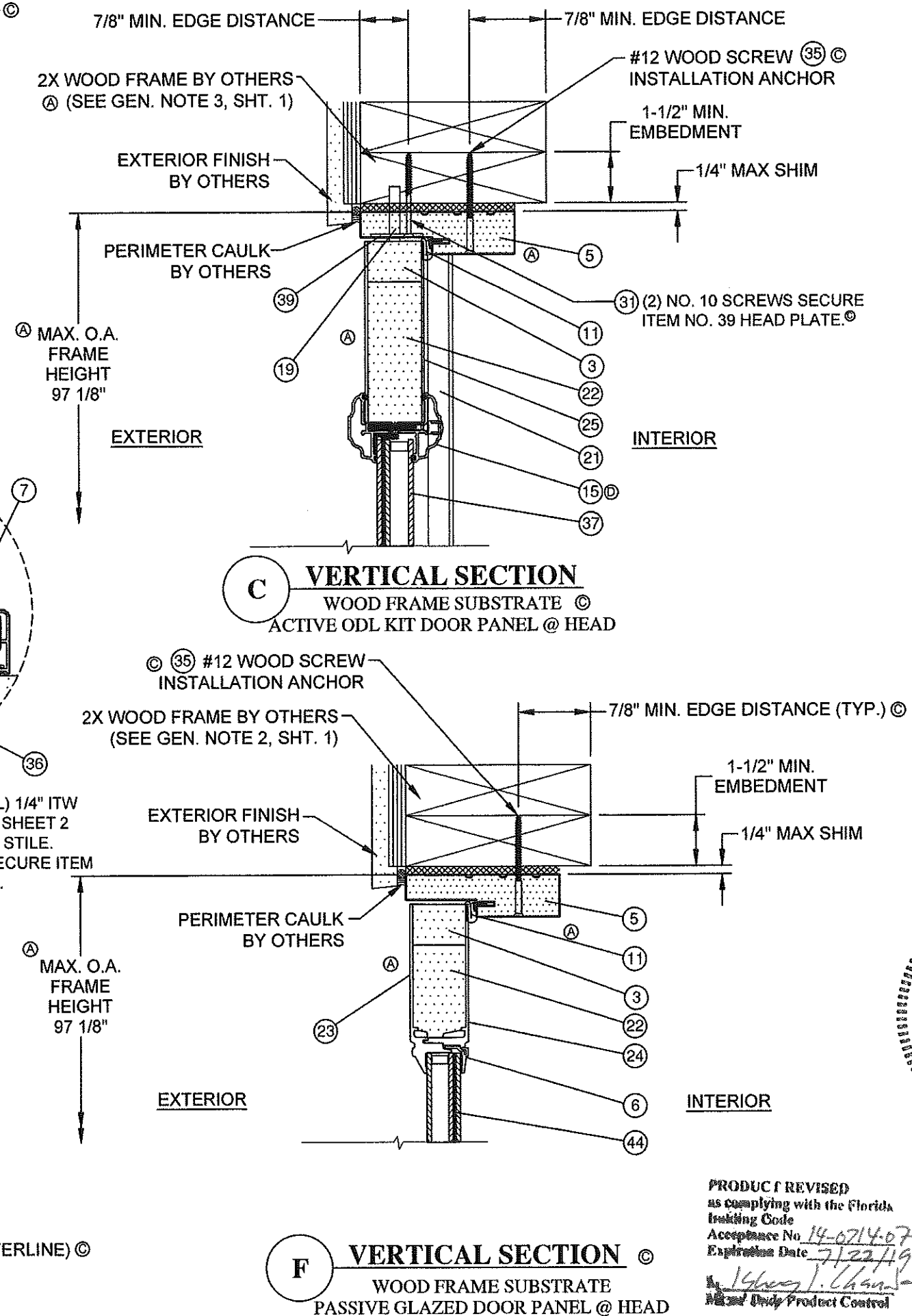
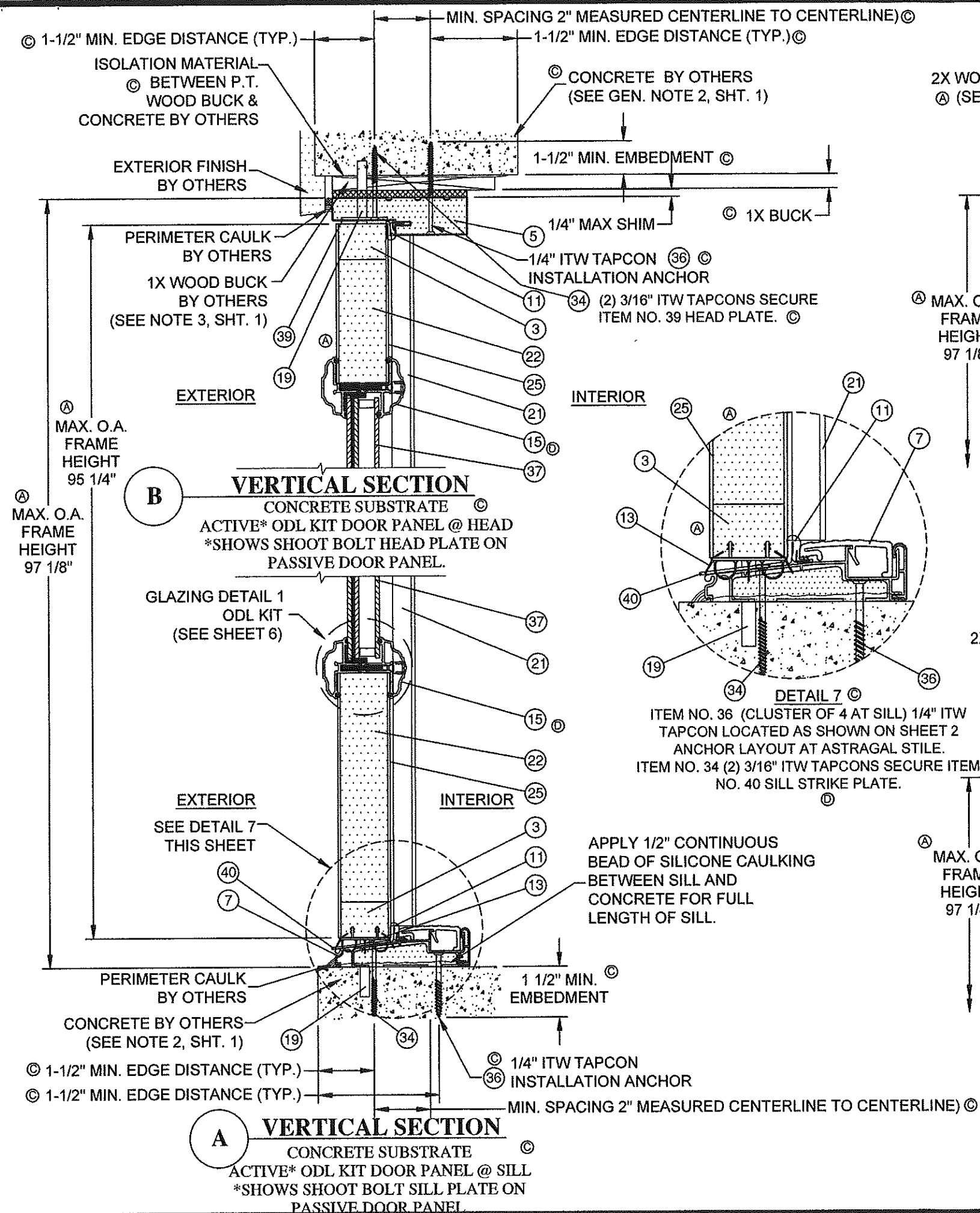
PRODUCT REVISED
as complying with the Florida
Building Code
Approval No 14-0714.0
Expiration Date July 22, 2019
1/6/2019
Product Control

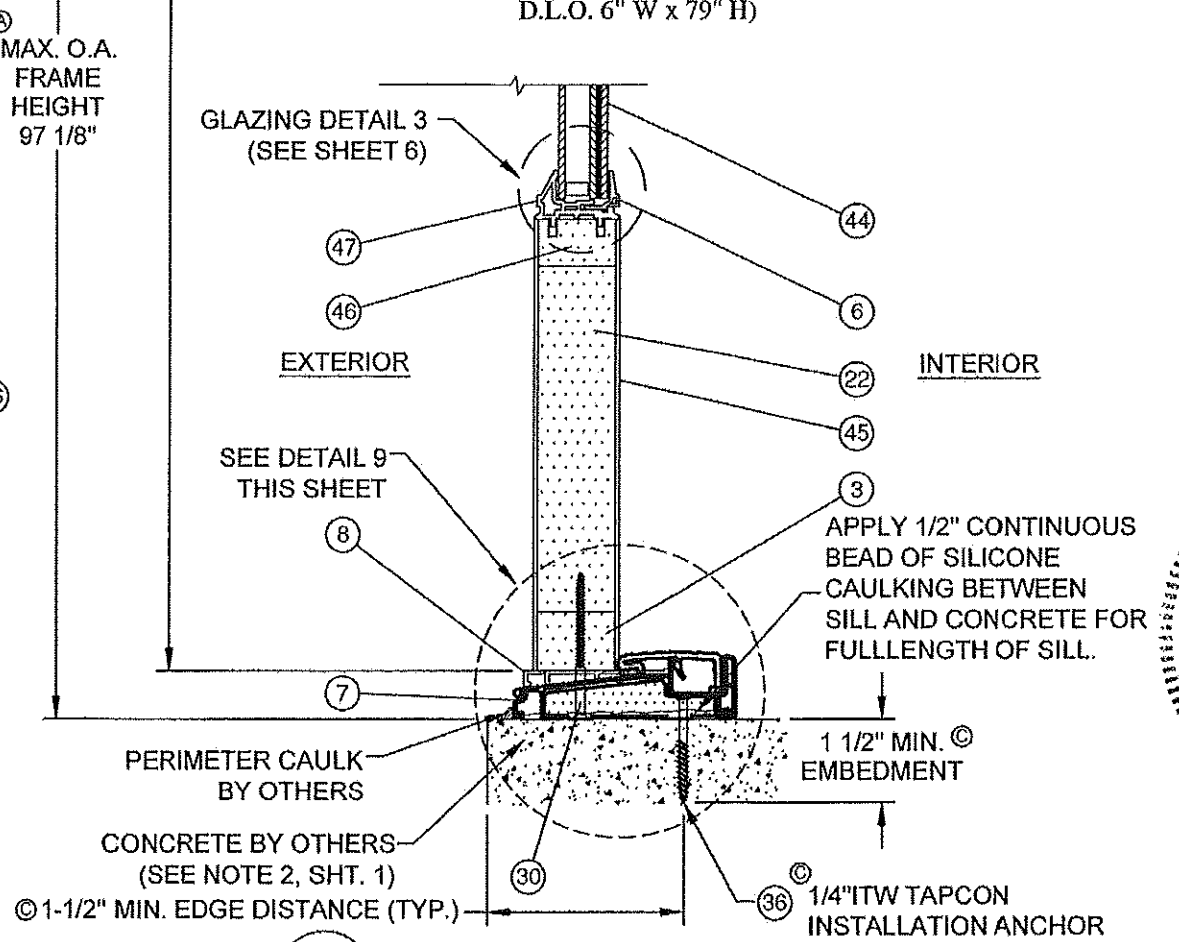
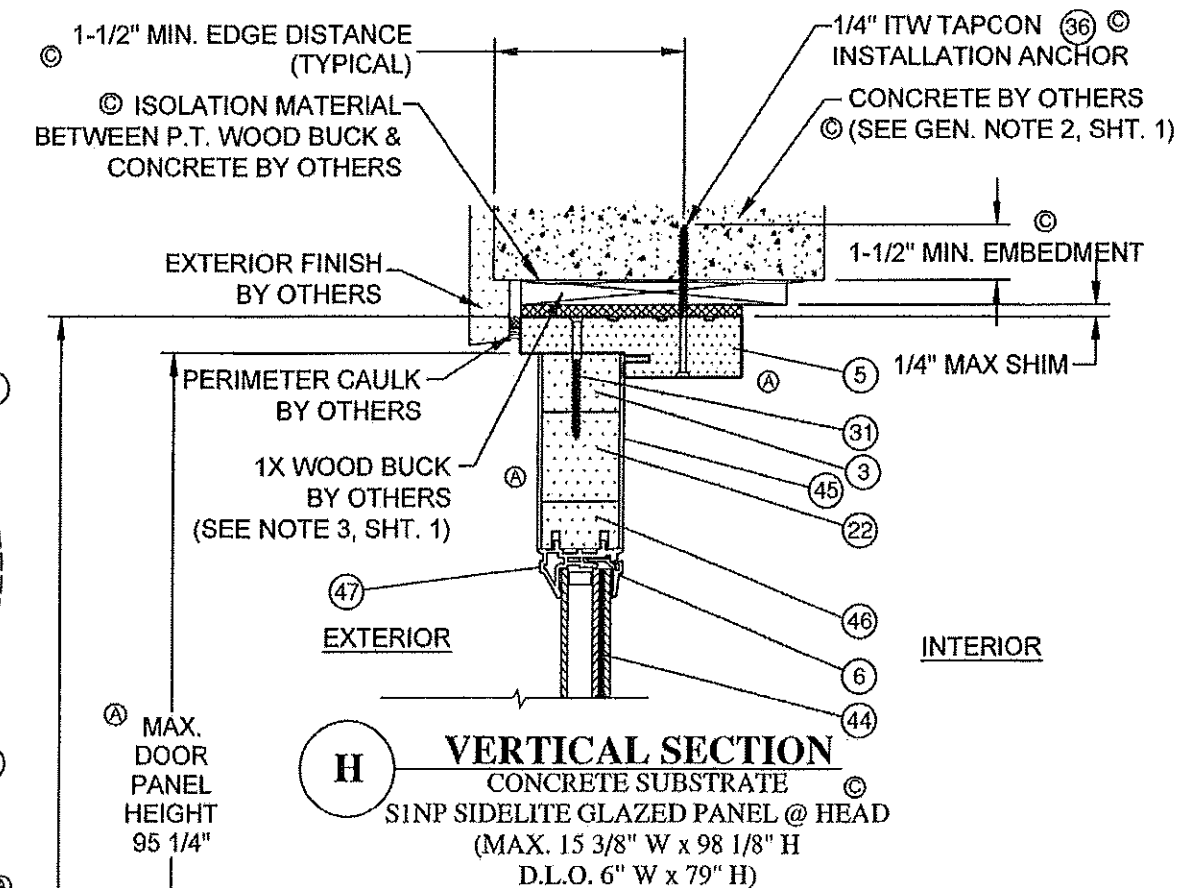
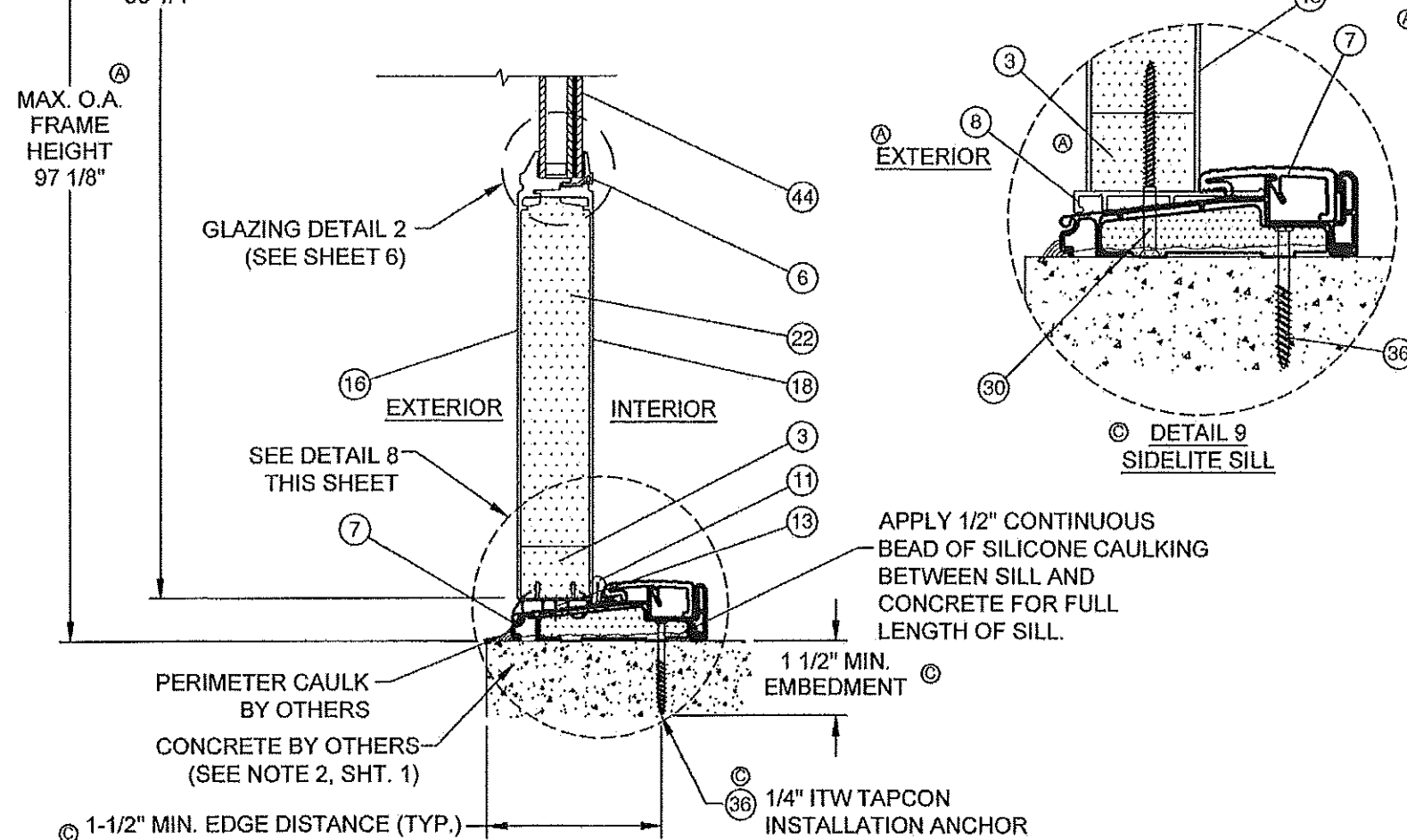
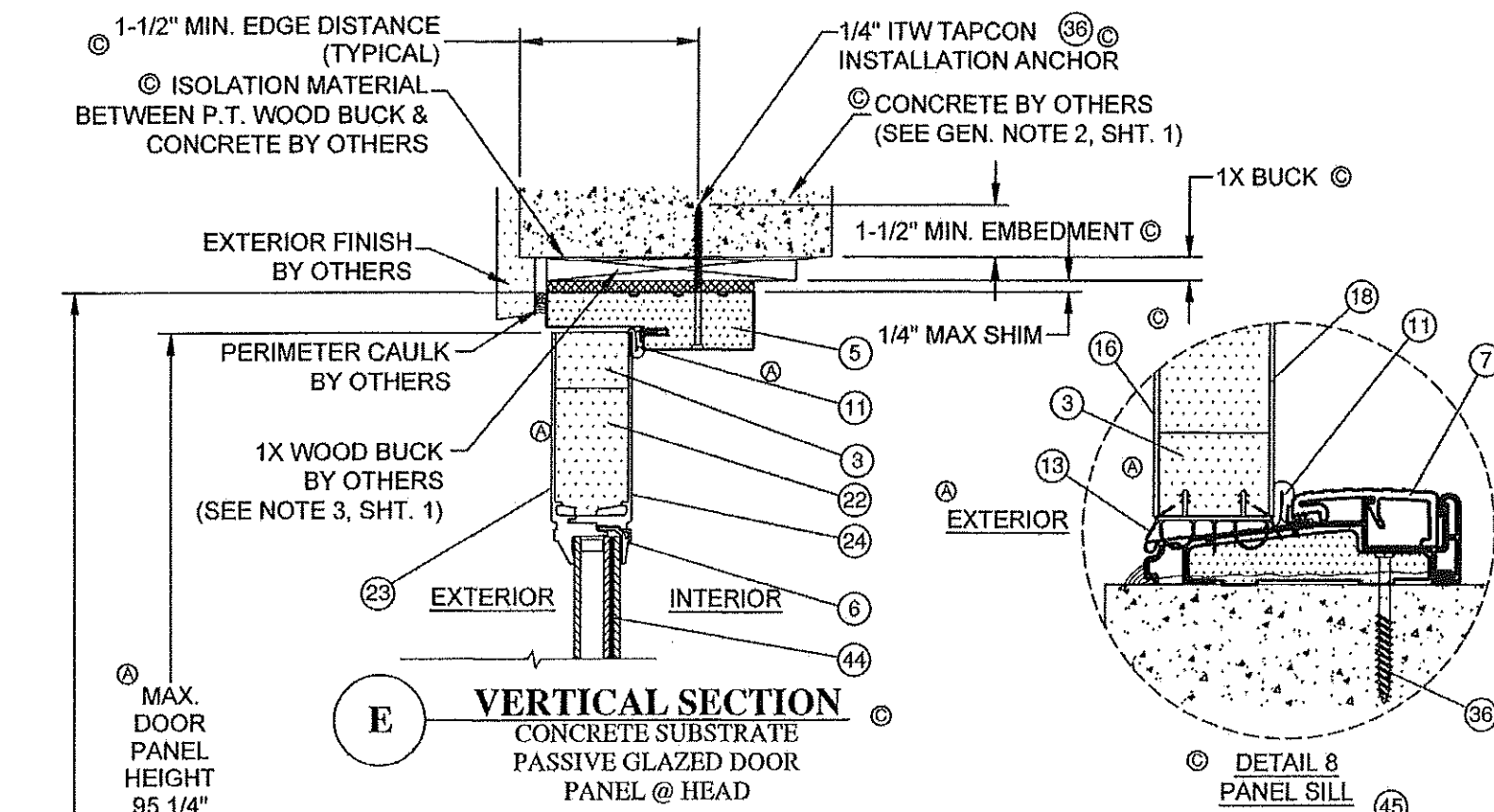


PRODUCT REVISED
 is complying with the Florida
 Building Code
 Acceptance No. 14-0714.07
 Expiration Date 7/22/19
 By J. Chung
 For Product Control

Robert J. Amoruso, P.E.
FL P.E. No. 49752



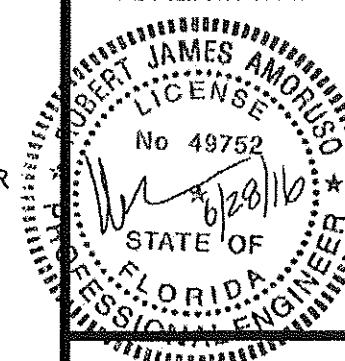




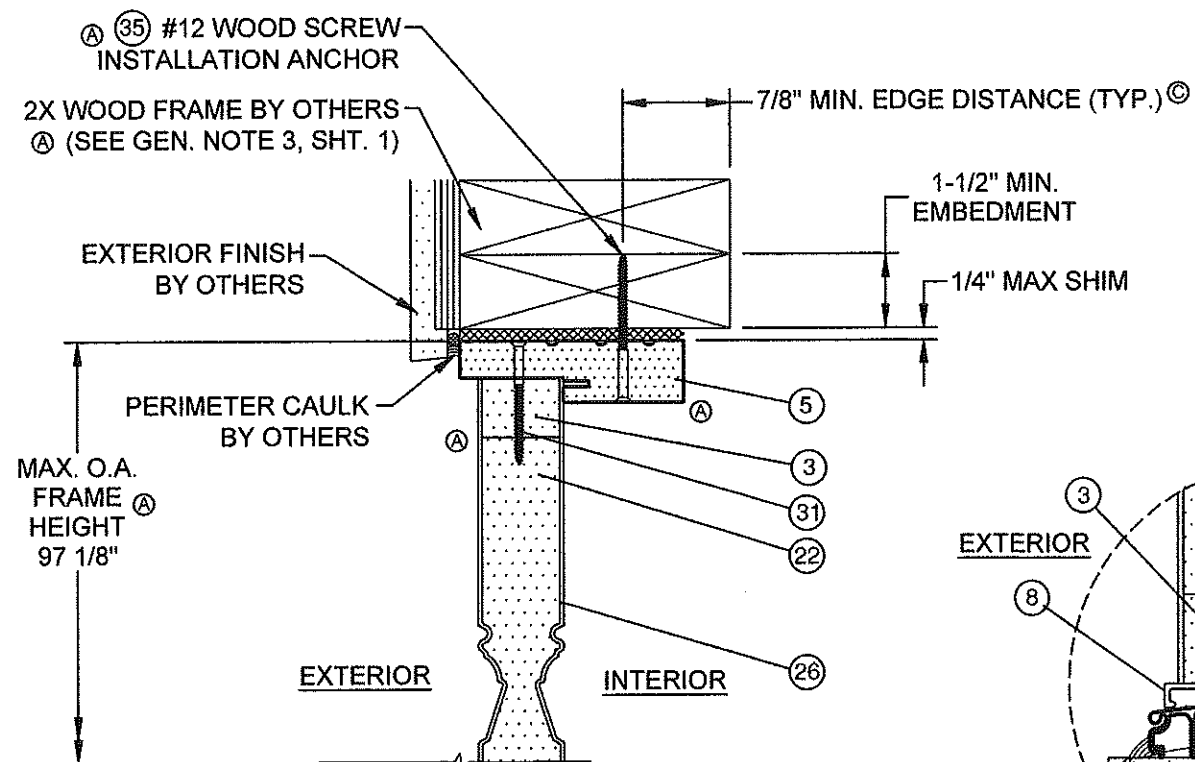
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| D | 2/23/15 | RJA |
| C | 07/07/14 | RJA |
| B | 04/25/12 | TJH |
| REV | DESCRIPTION | DATE |

| | | |
|--|-------------|---------|
| NAN YA PLASTICS | DATE | 1/23/09 |
| 8989 NORTH LOOP EAST | DRAWING NO. | NAN0021 |
| HOUSTON, TX 77029 | SCALE | 4 OF 11 |
| SERIES "INP" IMPACT 8' GLAZED OS DOUBLE DOOR W/SIDELITES | REV. | D |
| VERTICAL SECTIONS | BY | |
| PREPARED BY: | BB | |
| PTC PRODUCT DESIGN GROUP, LLC | SCALE | |
| PO BOX 520775 | REV. | |
| LONGWOOD, FLORIDA 32752 | | |
| PHONE: 321.690.1788 | | |
| FAX: 321.690.1788 | | |
| EMAIL: info@ptc-usa.com | | |

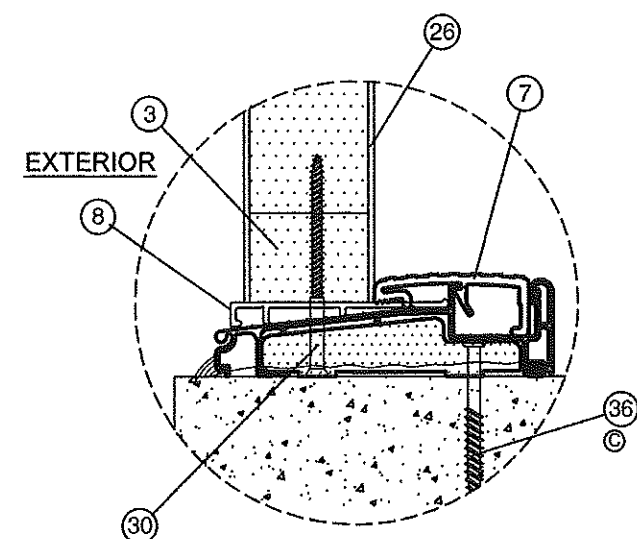
Robert J. Amoroso, P.E.
FL P.E. No. 49752



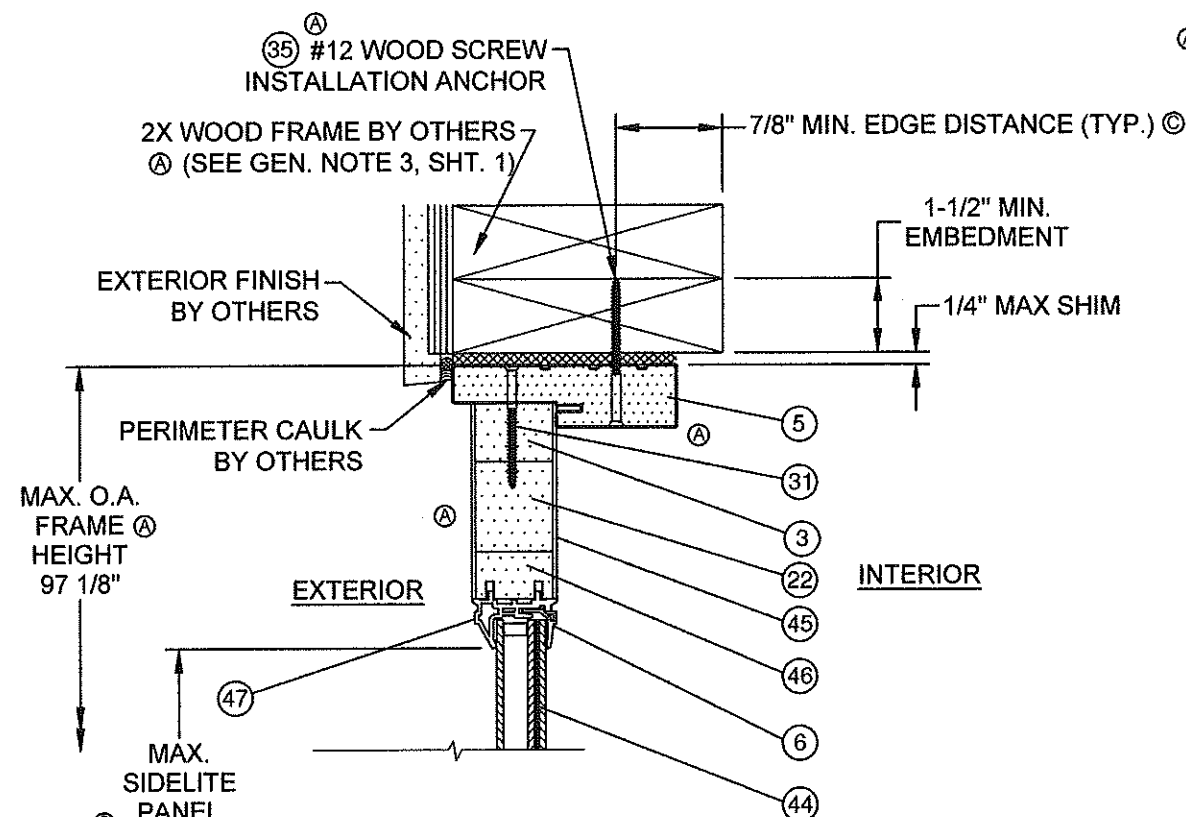
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as complying with the Florida
Building Code
Acceptance No. 14-07140
Expiration Date 7/22/19
13649 T. Chetty
Mazda Product Control



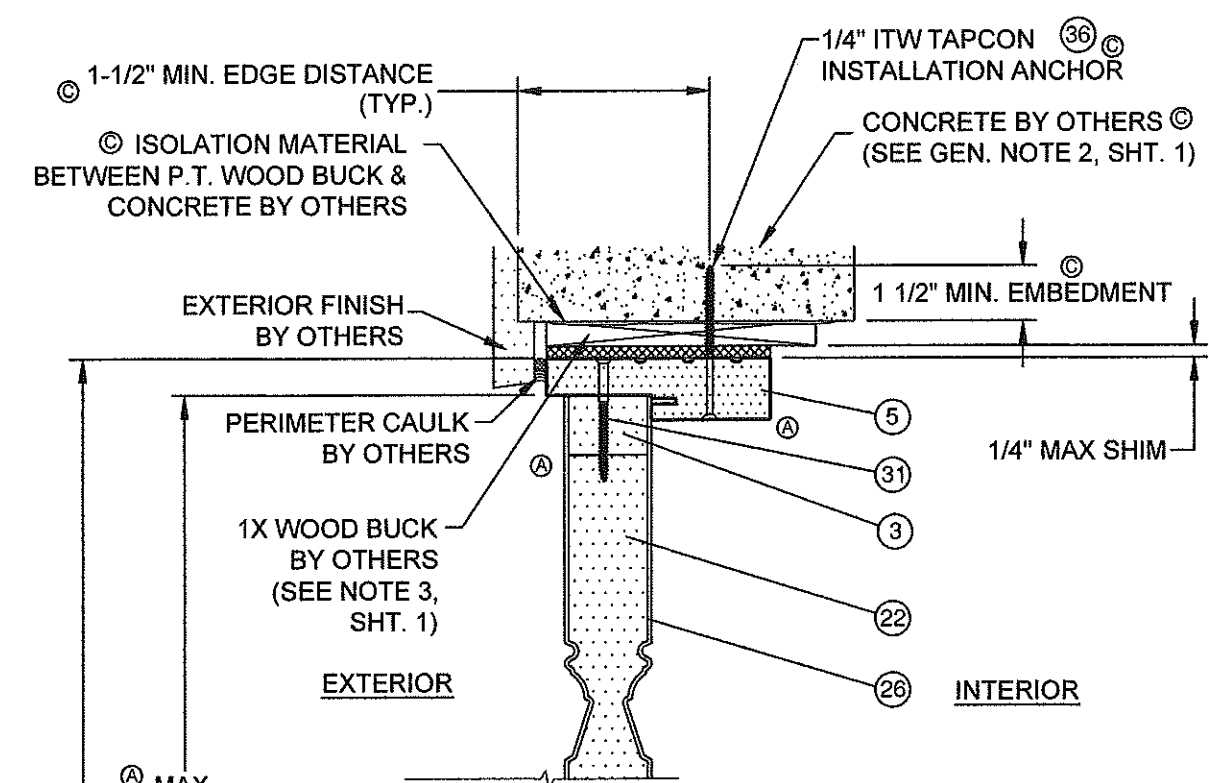
L VERTICAL SECTION
WOOD FRAME SUBSTRATE
OPAQUE SIDELITE PANEL @ HEAD ©
MAX. SIDELITE PANEL 15 3/8" W x 95 1/4" H



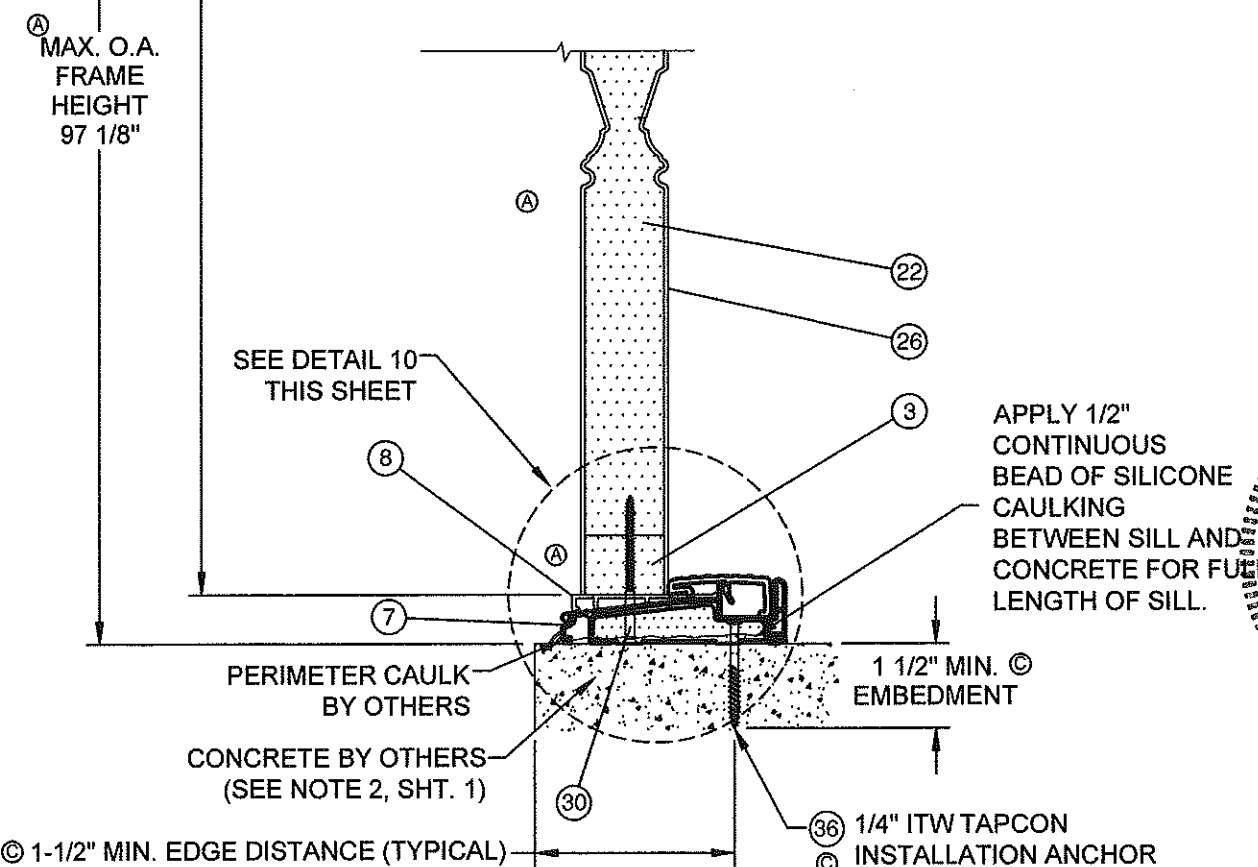
DETAIL 10 (SIDELITE)



I VERTICAL SECTION
WOOD FRAME SUBSTRATE ©
S1NP GLAZED SIDELITE PANEL @ HEAD
MAX. D.L.O. 6" W x 79" H
MAX. SIDELITE PANEL 15 3/8" W x 95 1/4" H



K VERTICAL SECTION
CONCRETE SUBSTRATE ©
OPAQUE SIDELITE PANEL @ HEAD
MAX. SIDELITE PANEL 15 3/8" W x 95 1/4" H



J VERTICAL SECTION
CONCRETE SUBSTRATE ©
OPAQUE SIDELITE PANEL @ SILL
© MAX. SIDELITE PANEL 15 3/8" W x 95 1/4" H

PROJECT NO. 414-0416
 NAN YA PLASTICS
 8989 NORTH LOOP EAST
 HOUSTON, TX 77029

| REV | DESCRIPTION | DATE | BY |
|-----|-----------------------------|----------|-----|
| D | REVISION PER MD COMMENTS | 2/23/15 | RJA |
| C | REVISION TO 5TH EDITION FBC | 07/07/14 | RJA |
| B | UPDATE TO 2010 FBC | 04/25/12 | TJH |

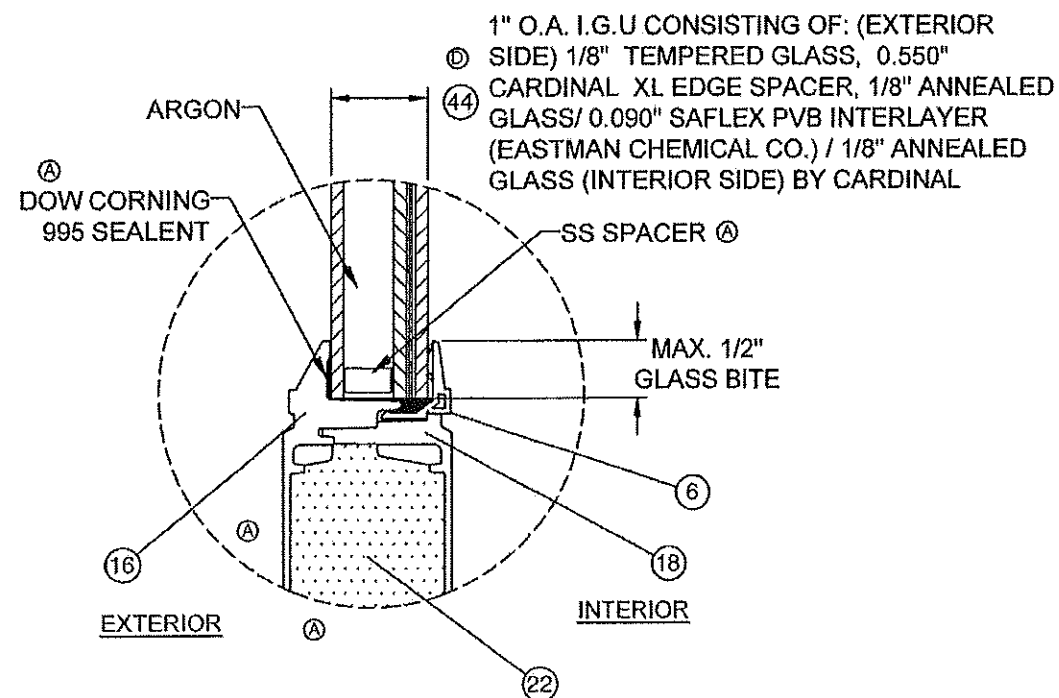
SERIES "1NP" IMPACT 8' GLAZED OS DOUBLE DOOR W/SIDELITES
 VERTICAL SECTIONS

| DATE | DRAWN BY | SCALE | REV | SHEET |
|---------|----------|---------|-----|---------|
| 1/23/09 | BB | NAN0021 | D | 5 OF 11 |

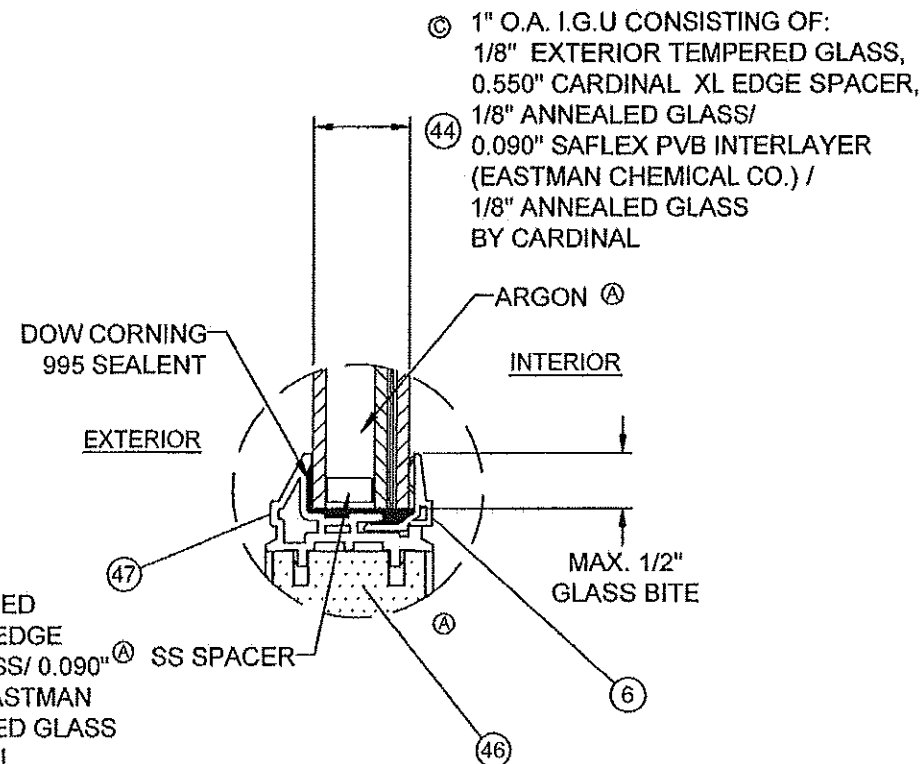
PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC
 PO BOX 520775
 LONGWOOD, FL 32752
 FBPE C.A. NO. 23933

Robert J. Amoruso, P.E.
FL P.E. No. 49752

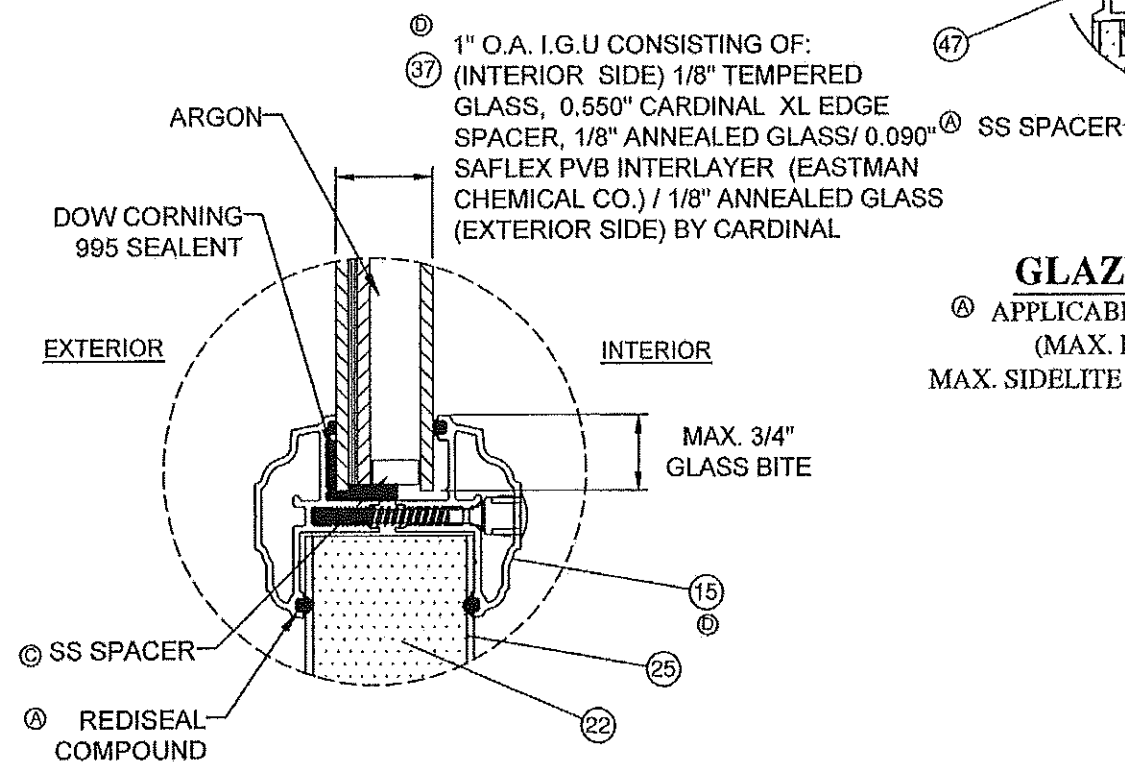
PRODUCT REVISION
 as complying with the Florida
 Building Code
 Acceptance No. 14-0714-0
 Expiration Date 7/22/19
 by [Signature]
 Manufacturer Product Control



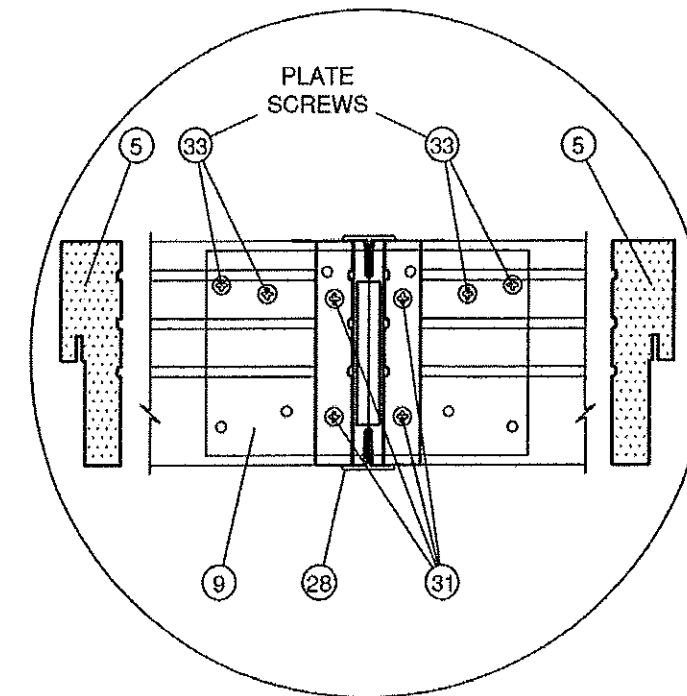
GLAZING DETAIL 2
DOOR PANEL GLAZING Ⓒ



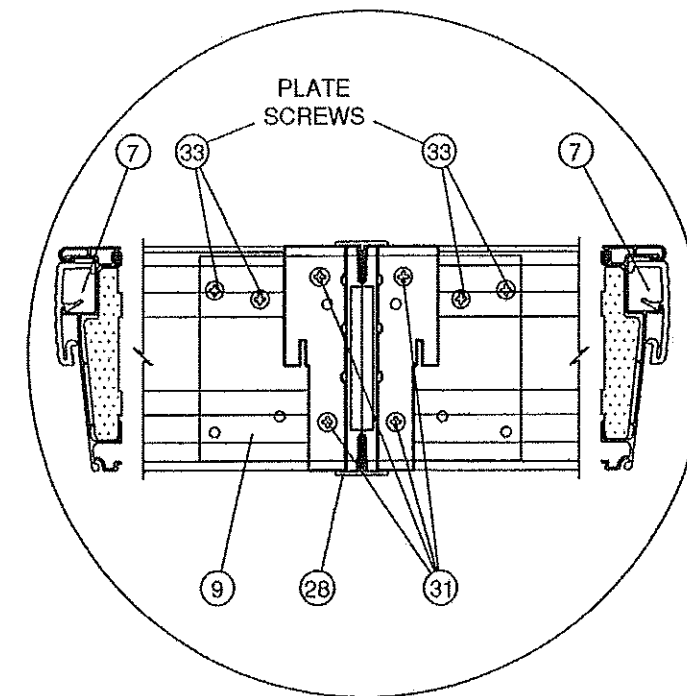
GLAZING DETAIL 3
Ⓐ APPLICABLE TO SIDELITE ONLY
(MAX. D.L.O. 6" W x 79" H)
MAX. SIDELITE PANEL 15 3/8" W x 95 1/4" H Ⓒ



GLAZING DETAIL 1
ODL LITE KIT Ⓒ
DOOR PANEL GLAZING



MULLION PLATE DETAIL 5 Ⓒ
MULLION PLATE ATTACHED AT HEAD
(LOOKING DOWN - SEE SHEET 9 FOR ADDITIONAL VIEWS)

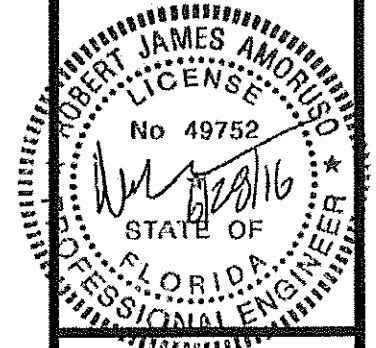


MULLION PLATE DETAIL 6 Ⓒ
MULLION PLATE ATTACHED AT SILL
(LOOKING UP - SEE SHEET 9 FOR ADDITIONAL VIEWS)

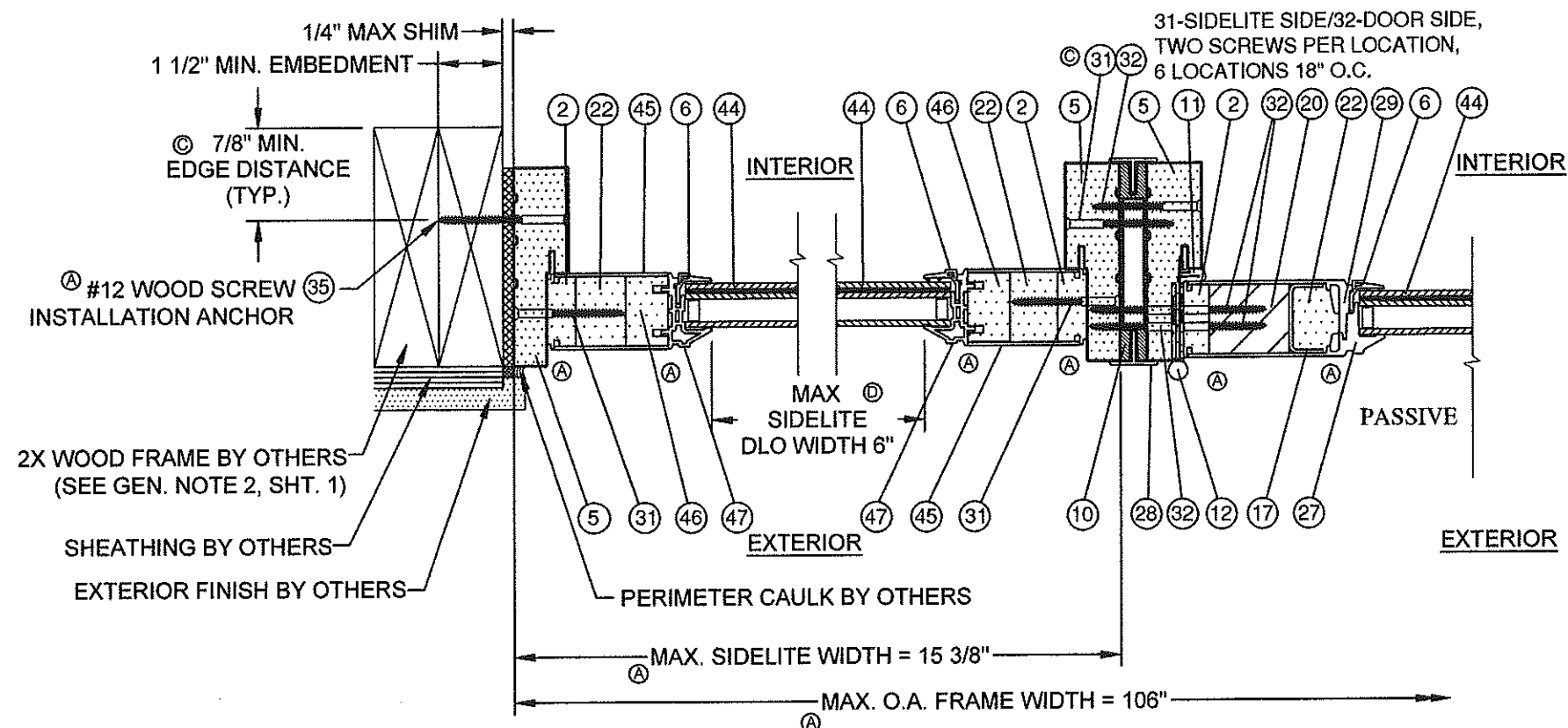
PROJECT NO. 414-0416

| | | | |
|--|---------------------------|--|---------------|
| NAN YA PLASTICS 8989 NORTH LOOP EAST HOUSTON, TX 77029 | REVISE PER MD | 2/23/15 | RJA |
| | COMMENTS | | |
| | REVISE TO 5TH EDITION FBC | 07/07/14 | RJA |
| | UPDATE TO 2010 FBC | 04/25/12 | TJH |
| SERIES "INP" IMPACT 8 GLAZED OS DOUBLE DOOR W/SIDELITES GLAZING DETAILS & MULLION PLATE DETAILS | | DATE: 1/23/09 | BY: BB |
| | | DRAWING NO: NAN0021 | SCALE: REV: D |
| | | SHEET: 6 OF 11 | |
| | | PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC | |
| | | PO BOX 52075 | |
| | | LONGWOOD, FLORIDA 32752 | |
| | | PHONE: 321.590.1788 | |
| | | FAX: 321.590.1789 | |
| | | EMAIL: info@ptc-corp.com | |

Robert J. Amoroso, P.E.
FL P.E. No. 49752

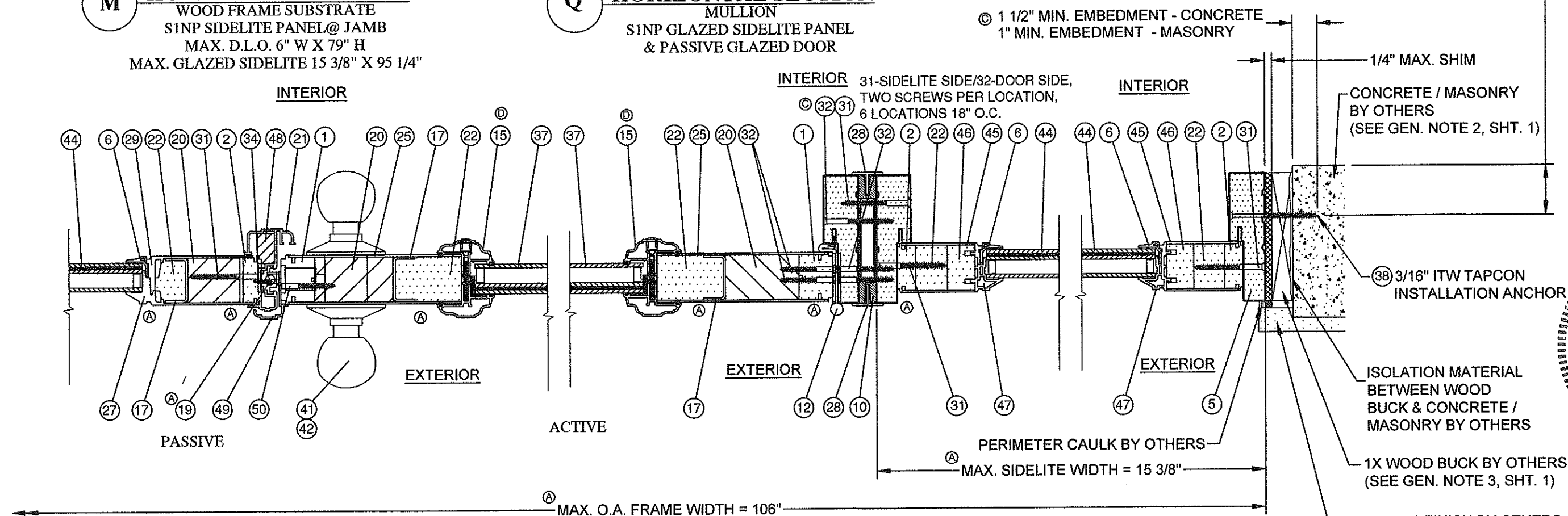


PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-6714.02
Expiration Date 7/23/19
By: 14-6714.02
Manufacturer Product Control



M HORIZONTAL SECTION ©
WOOD FRAME SUBSTRATE
S1NP SIDELITE PANEL @ JAMB
MAX. D.L.O. 6" W X 79" H
MAX. GLAZED SIDELITE 15 3/8" X 95 1/4"

Q HORIZONTAL SECTION
MULLION
S1NP GLAZED SIDELITE PANEL
& PASSIVE GLAZED DOOR



U HORIZONTAL SECTION ©
MULLION
PASSIVE GLAZED & ACTIVE
ODL KIT GLAZED DOOR PANELS

R HORIZONTAL SECTION ©
MULLION
ACTIVE ODL KIT GLAZED &
SIDELITE GLAZED PANELS

N HORIZONTAL SECTION ©
CONCRETE / MASONRY SUBSTRATE
S1NP GLAZED SIDELITE PANEL @ JAMB
MAX. D.L.O. 6" W x 79" H

PROJECT NO. 414-0416

| | | |
|---------------------------|----------|-----|
| REVISE PER MD | 2/23/15 | RJA |
| REVISE TO 5TH EDITION FBC | 07/07/14 | RJA |
| UPDATE TO 2010 FBC | 04/25/12 | TJH |
| DESCRIPTION | DATE | BY |
| D | | |
| C | | |
| B | | |
| REV | | |

NAN YA PLASTICS
8989 NORTH LOOP EAST
HOUSTON, TX 77029

SERIES "NP" IMPACT 8' GLAZED OS DOUBLE DOOR W/SIDELITES
HORIZONTAL SECTIONS

DATE: 1/23/09
DRAWING NO: NAN0021
SHEET: 7 OF 11

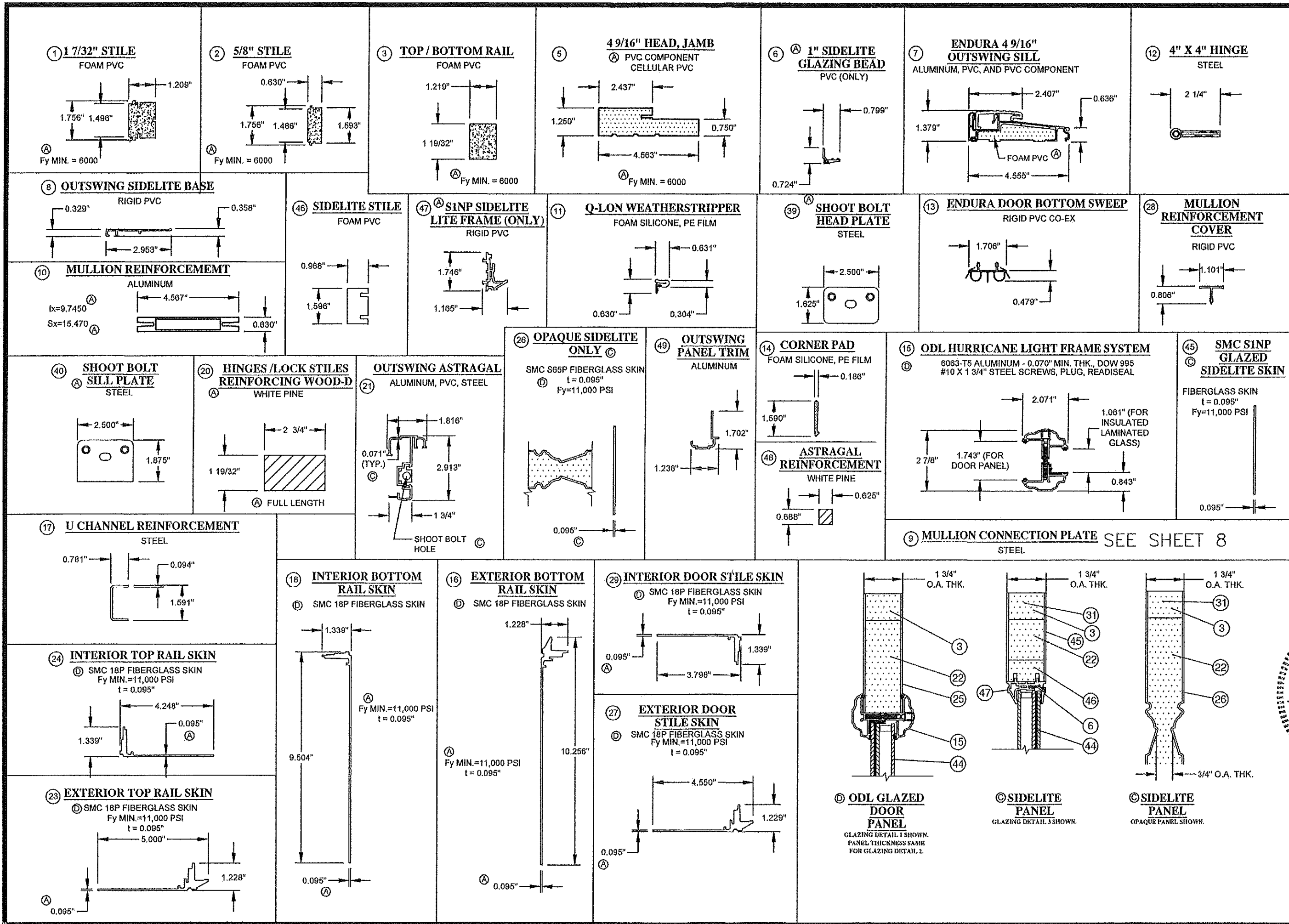
PREPARED BY: BB
SCALE: D
REV: D

PTC PRODUCT DESIGN GROUP, LLC
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LONGWOOD, FL 32752
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Robert J. Amoroso, P.E.
FL P.E. No. 49752

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No 49752
6/28/16

PRODUCT REVISED
as complying with the Florida
Building Code
Adoption No. 14-0714.07
Expiration Date 7/22/19
Major Door Product Control



PROJECT NO. 414-0416

REVISE PER MD COMMENTS

2/23/15

REVISE TO 5TH EDITION FBC

07/07/14

UPDATE TO 2010 FBC

04/25/12

DATE

DRAWING NO.

NAN0021

SHEET

10 OF 11

NAN YA PLASTICS

8989 NORTH LOOP EAST

HOUSTON, TX 77029

SERIES "1NP" IMPACT 8' GLAZED OS DOUBLE DOOR W/SIDELITES

DATE: 1/23/09

DRAWN BY: BB

SCALE:

REV: D

PTC PRODUCT DESIGN GROUP, LLC

PO BOX 530775

LONGWOOD, FLORIDA 32752

FAX: 321.504.1788

Email: info@ptc-corp.com

Robert J. Amoroso, P.E.

FL P.E. No. 49752

LICENSE

No 49752

STATE OF

FLORIDA

PROFESSIONAL ENGINEER

PRODUCT REVISED

as complying with the Florida

Building Code

Acceptance No. 14-071407

Expiration Date 7/22/19

By: [Signature]

Mean: Door Product Control

BILL OF MATERIALS

| ITEM # | PART # | DESCRIPTION | MATERIAL | MANUFACTURER |
|--------|--------|---|---|--------------|
| 1 | | 1 7/32" STILE | FOAM PVC Fy MIN. = 6,000 PSI @ | NAN YA |
| 2 | | 5/8" STILE | FOAM PVC Fy MIN. = 6,000 PSI @ | NAN YA |
| 3 | | 1 7/32" TOP / BOTTOM RAIL | FOAM PVC Fy MIN. = 6,000 PSI @ | NAN YA |
| 5 | | 4 9/16" FRAME HEAD / JAMB | CELLULER PVC Fy MIN. = 6,000 PSI @ | NAN YA |
| 6 | | 1" GLAZING BEAD (SIDELITE ONLY) @ | RIGID PVC Fy MIN. = 6,000 PSI @ | NAN YA |
| 7 | | ENDURA 4 9/16" OUTSWING SILL | ALUMINUM (6063-T6), PVC & PVC COMPONENT | ENDURA |
| 8 | | OUTSWING SIDELITE BASE | RIGID PVC Fy MIN. = 6,000 PSI @ | ENDURA |
| 9 | © | 1/16" THICK MULLION CONNECTION PLATE | STEEL (SPCC S450) | NAN YA |
| 10 | | MULLION REINFORCEMENT | ALUMINUM (6036-T6) | NAN YA |
| 11 | | WEATHERSTRIPPER Q-LON | FOAM SILICONE, PE FILM | SCHLEGEL |
| 12 | | 4" X 4" BUTT HINGE | STEEL | MIKOTA @ |
| 13 | | ENDURA DOOR BOTTOM SWEEP | RIGID PVC CO-EX | ENDURA |
| 14 | | CORNER PAD (NOT SHOWN) | FOAM SILICONE, PE FILM | ---- |
| 15 | Ⓢ | ODL HURRICANE ALUMINUM LIGHT FRAME SYSTEM (AS-TESTED) | SEE COMPONENTS SHEET © | ODL |
| 16 | Ⓢ | SMC 18P GLAZED DOOR PANEL SKIN | FIBERGLASS SKIN Fy MIN. = 11,000 PSI @ | NAN YA |
| 17 | | 3/32" REINFORCING U CHANNEL | STEEL (JIS Z3302 SZHC) | ---- |
| 18 | Ⓢ | SMC 18P GLAZED DOOR PANEL SKIN | FIBERGLASS SKIN Fy MIN. = 11,000 PSI @ | NAN YA |
| 19 | | SHOOT BOLT | STEEL | ENDURA @ |
| 20 | | 2 3/4" REINFORCEMENT WOOD | WHITE PINE | ---- |
| 21 | | OUTSWING ASTRAGAL | ALUMINUM (6063-T6), STEEL, PVC | ENDURA @ |
| 22 | | FOAM PHENOLIC | PHENOLIC FOAM | NAN YA @ |
| 23 | Ⓢ | SMC 18P GLAZED DOOR PANEL SKIN | FIBERGLASS SKIN Fy MIN. = 11,000 PSI @ | NAN YA |
| 24 | Ⓢ | SMC 18P GLAZED DOOR PANEL SKIN | FIBERGLASS SKIN Fy MIN. = 11,000 PSI @ | NAN YA |
| 25 | Ⓢ | SMC 00P ODL GLAZED DOOR PANEL SKIN | FIBERGLASS SKIN Fy MIN. = 11,000 PSI @ | NAN YA |
| 26 | Ⓢ | SMC S65P OPAQUE SIDELITE SKIN | FIBERGLASS SKIN Fy MIN. = 11,000 PSI @ | NAN YA @ |
| 27 | Ⓢ | SMC 18P GLAZED DOOR PANEL SKIN | FIBERGLASS SKIN Fy MIN. = 11,000 PSI @ | NAN YA |
| 28 | | MULLION REINFORCEMENT COVER | RIGID PVC Fy MIN. = 6,000 PSI @ | NAN YA |
| 29 | Ⓢ | SMC 18P GLAZED DOOR PANEL SKIN | FIBERGLASS SKIN Fy MIN. = 11,000 PSI @ | NAN YA |
| 30 | | #10 X 3" PHILLIPS SQUARE DRIVE SCREWS | STEEL | ---- |
| 31 | | #10 X 2 1/2" PHILLIPS FLAT HEAD | STEEL | ---- |
| 32 | | #10 X 2" PHILLIPS FLAT HEAD | STEEL | ---- |
| 33 | | #10 X 7/8" PHILLIPS FLAT HEAD | STEEL | ---- |
| 34 | © | 3/16" x 2-1/2" ITW ADVANCED THREADFORM TAPCON C. SCREW | STEEL | ITW |
| 35 | Ⓐ | #12 WOOD SCREW INSTALLATION ANCHOR | STEEL | ---- |
| 36 | © | 1/4" ITW ADVANCED THREADFORM TAPCON CONCRETE SCREW | STEEL | ITW |
| 37 | Ⓢ | 1" O.A. I.G.U CONSISTING OF: (INTERIOR SIDE) 1/8" TEMPERED GLASS, 0.550" CARDINAL XL EDGE SPACER, 1/8" ANNEALED GLASS / 0.090" SAFLEX PVB INTERLAYER (EASTMAN CHEMICAL CO.) / 1/8" ANNEALED GLASS (EXTERIOR SIDE) BY CARDINAL | GLASS | CARDINAL |
| 38 | © | 3/16" ITW ADVANCED THREADFORM TAPCON CONCRETE SCREW | STEEL | ITW |
| 39 | Ⓢ | SHOOT BOLT HEAD STRIKE PLATE | 1010 C.R.S. | ENDURA |
| 40 | Ⓢ | SHOOT BOLT SILL STRIKE PLATE | 1010 C.R.S. | ENDURA |
| 41 | | KWIKSET LATCHBOLT/ KNOB | ---- | KWIKSET |
| 42 | | KWIKSET DEADBOLT | ---- | KWIKSET |
| 43 | | KWIKSET STRIKE PLATE | ---- | KWIKSET |
| 44 | © | 1" O.A. I.G.U CONSISTING OF: (EXTERIOR SIDE) 1/8" TEMPERED GLASS, 0.550" CARDINAL XL EDGE SPACER, 1/8" ANNEALED GLASS / 0.090" SAFLEX PVB INTERLAYER (EASTMAN CHEMICAL CO.) / 1/8" ANNEALED GLASS (INTERIOR SIDE) BY CARDINAL | GLASS | CARDINAL |
| 45 | Ⓢ | SMC S1NP GLAZED SIDELITE SKIN | FIBERGLASS SKIN Fy MIN. = 11,000 PSI @ | NAN YA |
| 46 | | 1 19/32" SIDELIGHT STILE | FOAM PVC Fy MIN. = 6,000 PSI @ | NAN YA |
| 47 | | S1NP LITE FRAME (SIDELITE ONLY) @ | RIGID PVC Fy MIN. = 6,000 PSI @ | NAN YA |
| 48 | | 5/8" ASTRAGAL REINFORCEMENT | WHITE PINE | ---- |
| 49 | | OUTSWING PANEL TRIM | ALUMINUM (6063-T6) | BHI |
| 50 | | #8 X 1 1/2" PFH WOOD SCREW | STEEL | ---- |

PROJECT NO. 414-0416

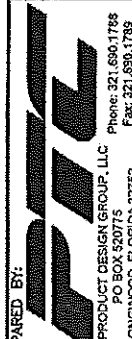
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8989 NORTH LOOP EAST
HOUSTON, TX 77029

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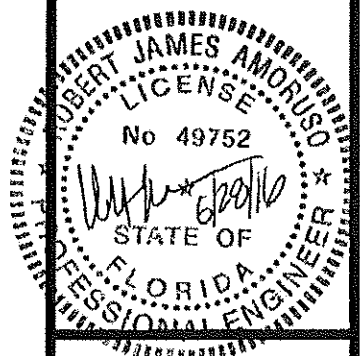
BILL OF MATERIALS


DATE: 1/23/09
DRAWING NO: NAN0021
SHEET: 11 OF 11

DRAWN BY: BB
SCALE:
REV: D

PREPARED BY: 
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as complying with the Florida
Building Code
Assessment No. 14-0714.07
Expiration Date July 23, 2019
By: 
Robert J. Amoroso, P.E.